Location ID: BW-6-355 F	ield Representative(s): M. Canavan
Date Started: <u>11/15/91</u>	Date Completed: <u>01/31/92</u>
Northing: <u>234534.58</u>	Easting: 413780.73
Brass Cap: <u>4815.23'</u> Outer	Casing: <u>4816.24'</u> Inner Casing: <u>4816.34'</u>
	Drilling Contractor: Larjon Drilling Co.
Driller: <u>J. Gower</u>	<u> </u>
Total Depth Borehole: 401'	Total Depth Well Casing: 380.81'
Total Depth Surface Casing:80'	
Diameter Well Casing:4"	Diameter Surface Casing:10"
Length of Bottom Blank:5.28'	<u> </u>
Type of Screen: <u>regular strength</u>	0.02 slot
Screen Interval:to	375.53'
Water First Detected: ≈350'	Water Level Open Borehole: 321.21' (01/09/92)
Water Level Cased Borehole: 249.78'(02)	<u>/05/92)</u>
Quik-Foam Use: 3.5 gallons	<u></u>
Estimated Water Use: 6,700 gallons	
Well Casing:	
4in x 3ft SCD 40 PVC: 4in x 5ft SCD 40 PVC: 4in x 10ft SCD 40 PVC: 4in x 20ft SCD 40 PVC: Total SCD 40 PVC pipe: ft	custom SS centralizers: 1 set 4"x2' SS locking riser: 4" SS locking cap: 1 4" SS female cap: 1 Thread Adaptor: 1
4in x 3ft SCD 5 SS pipe: 4in x 5ft SCD 5 SS pipe: 5 4in x 10ft SCD 5 SS pipe: 5 4in x 20ft SCD 5 SS pipe: 18 Total SCD 5 SS pipe: 365 ft	4in x 5ft SCD 10 SS pipe: 4in x 10ft SCD 10 SS pipe: 4in x 20ft SCD 10 SS pipe: Total SCD 10 SS pipe: ft

Well Completion:

 100# bags 16/40 sand:
 7
 bags

 100# bags 8/20 sand:
 21
 bags

 100# bags #3 sand:
 38
 bags

94# bags cement: 90 bags

5 gal. buckets bentonite: buckets

50# bentonite powder: 10 bags

Benseal: 1 bag

Surface Casing:

94# bags cement: 35 bags

50# bags bentonite powder: 4 bags

Grout: 0 bags

Pertinent Field Notes:

11/11/91 - Mobilize equipment to site (as time allows). Line pit and under rig with plastic.

11/14/91 Set up to drill. - Menzie

11/15/91 Spud, mix mud using 900 gal. water. Drill mud rotary 0'-26' (for pilot hole). -

Canavan

11/18/91 Drill 26'-77' mud rotary with 121/4" milltooth bit (pilot hole). - Canavan

11/25/91 Drill 77'-80' with 121/4" milltooth bit. Ream 0'-40' with 16" reamer. - Canavan

11/26/91 Reamed pilot hole 40'-80' with 16" reamer. - Canavan

11/27/91 Cleaned hole and installed 82' of 10" steel surface casing. - Canavan

12/09/91 Demobilize Frank's rig and mobilize BE rig to site. Get 3,800 gal. water (filled

both trucks). - Canavan

12/10/91 Drill 80'-264' air-foam rotary. - Canavan